

## Product datasheet for **RC210004L4V**

### CD40L (CD40LG) (NM\_000074) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	CD40L (CD40LG) (NM_000074) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CD40L
Synonyms:	CD40L; CD154; gp39; hCD40L; HIGM1; IGM; IMD3; T-BAM; TNFSF5; TRAP
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_000074
ORF Size:	783 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210004).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	<a href="#">NM_000074.2</a>
RefSeq Size:	1834 bp
RefSeq ORF:	786 bp
Locus ID:	959
UniProt ID:	<a href="#">P29965</a>
Cytogenetics:	Xq26.3
Domains:	TNF
Protein Families:	Druggable Genome, Secreted Protein, Transmembrane



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<b>Protein Pathways:</b>	Allograft rejection, Asthma, Autoimmune thyroid disease, Cell adhesion molecules (CAMs), Cytokine-cytokine receptor interaction, Primary immunodeficiency, Systemic lupus erythematosus, T cell receptor signaling pathway, Viral myocarditis
<b>MW:</b>	29.3 kDa
<b>Gene Summary:</b>	The protein encoded by this gene is expressed on the surface of T cells. It regulates B cell function by engaging CD40 on the B cell surface. A defect in this gene results in an inability to undergo immunoglobulin class switch and is associated with hyper-IgM syndrome. [provided by RefSeq, Jul 2008]